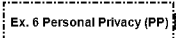

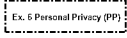


## Appointment

---

**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 2/4/2019 5:37:36 PM  
**To:** Weber, Courtney [Weber.Courtney@epa.gov]; Poulsom, Susan [Poulsom.Susan@epa.gov]; Merz, Martin [merz.martin@epa.gov]  
**BCC:** R10Sea-Room-20HellsCanyon/R10-Rooms-Service Center [R10Sea-Room-20HellsCanyon@epa.gov]; R10Sea-ConfLineMM-206-224-0056 [R10Sea-ConfLineMM-206-224-0056@epa.gov]  
**Subject:** Lower Columbia River FS and Dalles permit  
**Location:** 20th floor, Hells Canyon; conference line:     
**Start:** 2/4/2019 8:30:00 PM  
**End:** 2/4/2019 9:30:00 PM  
**Show Time As:** Tentative

## Appointment

---

**From:** R10Sea-ConfLineMM-206-224-0056 [R10Sea-ConfLineMM-206-224-0056@epa.gov]  
**Sent:** 2/4/2019 5:37:48 PM  
**To:** Wu, Jennifer [Wu.Jennifer@epa.gov]

**Subject:** Accepted: Lower Columbia River FS and Dalles permit

**Location:** 20th floor, Hells Canyon; conference line Ex. 6 Personal Privacy (PP) pin Ex. 6 Personal Privacy (PP)

**Start:** 2/4/2019 8:30:00 PM

**End:** 2/4/2019 9:30:00 PM

**Recurrence:** (none)

## Appointment

---

**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 1/30/2019 12:10:36 AM  
**To:** Wu, Jennifer [Wu.Jennifer@epa.gov]; Weber, Courtney [Weber.Courtney@epa.gov]; Poulson, Susan [Poulson.Susan@epa.gov]; Merz, Martin [merz.martin@epa.gov]  
**BCC:** R10Sea-Room-20HellsCanyon/R10-Rooms-Service Center [R10Sea-Room-20HellsCanyon@epa.gov]; R10Sea-ConfLineMM-206-224-0056 [R10Sea-ConfLineMM-206-224-0056@epa.gov]  
**Subject:** Lower Columbia River FS and Dalles permit  
**Location:** 20th floor, Hells Canyon; conference line: Ex. 6 Personal Privacy (PP) pin Ex. 6 Personal Privacy (PP)  
**Start:** 2/4/2019 8:30:00 PM  
**End:** 2/4/2019 9:30:00 PM  
**Show Time As:** Busy

## Appointment

---

**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 1/30/2019 12:10:36 AM  
**To:** Wu, Jennifer [Wu.Jennifer@epa.gov]; Weber, Courtney [Weber.Courtney@epa.gov]; Poulson, Susan [Poulson.Susan@epa.gov]; Merz, Martin [merz.martin@epa.gov]  
**BCC:** R10Sea-Room-20HellsCanyon/R10-Rooms-Service Center [R10Sea-Room-20HellsCanyon@epa.gov]; R10Sea-ConfLineMM-206-224-0056 [R10Sea-ConfLineMM-206-224-0056@epa.gov]  
**Subject:** Lower Columbia River FS and Dalles permit  
**Location:** 20th floor, Hells Canyon; conference line: [Ex. 6 Personal Privacy (PP)] pin [Ex. 6 Personal Privacy (PP)]  
**Start:** 2/4/2019 8:30:00 PM  
**End:** 2/4/2019 9:30:00 PM  
**Show Time As:** Busy

I added the phone line, [Ex. 6 Personal Privacy (PP)] pin [Ex. 6 Personal Privacy (PP)] in case you're working from home today. If you're in Seattle, we're in 20 Hells Canyon.

Message

---

**From:** Wilson, Brian J CIV USARMY CENWS (US) [Brian.J.Wilson@usace.army.mil]  
**Sent:** 2/11/2019 7:21:55 PM  
**To:** Merz, Martin [merz.martin@epa.gov]; Grip, Marshall A CIV USARMY CENWS (US) [Marshall.A.Grip@usace.army.mil]  
**CC:** Wu, Jennifer [Wu.Jennifer@epa.gov]  
**Subject:** RE: NPDES Discussion with EPA

Thank you for the follow up Martin. We'll relay this information to the PDT and continue working through our process.

-Brian

---

**From:** Merz, Martin [mailto:merz.martin@epa.gov]  
**Sent:** Monday, February 11, 2019 10:50  
**To:** Wilson, Brian J CIV USARMY CENWS (US) <Brian.J.Wilson@usace.army.mil>; Grip, Marshall A CIV USARMY CENWS (US) <Marshall.A.Grip@usace.army.mil>  
**Cc:** Wu, Jennifer <Wu.Jennifer@epa.gov>  
**Subject:** [Non-DoD Source] RE: NPDES Discussion with EPA

Hi Brian and Marshall,

Thanks so much for the productive conversation this morning.

I wanted to follow up on a few points, please share with Harlin as you see fit:

- 1) I mentioned that we would be aiming to turn the permit around in 6 months once we receive a complete permit application. This is true, but I wanted to caveat this answer with a few procedures that EPA goes through before issuing final permits that have the potential to extend our process:
  - 401 water quality certification from states and tribes: we share draft permits with states and tribes adjacent to the receiving water, in this case WA and the Colville Tribe, for their certification that the permits will result in discharges that meet their water quality standards.
  - Tribal consultation – we share draft permits and consult with interested tribes, taking their concerns into account.
  - ESA consultation – we write a Biological Evaluation describing if/how the proposed allowed discharges would impact endangered species, and engage in ESA consultation with the NOAA.
  - We work with our own EPA headquarters on any policy issues that can come up during the permit writing process.

All of these procedures can be unpredictable in terms of timing. I do feel that since many issues are being worked out currently in the context of the Lower Columbia/Lower Snake/Grand Coulee Dam permit writing process, that the Chief Joseph permit writing process will be more smooth, but this is hard to predict. I just wanted to follow up to make clear that the 6 months is a goal that in this case I feel is reasonable, but that it is not set in stone.

- 2) Please see the contact information for Jenny's contacts at BOR below. Jenny is happy to make an introduction if that helps. Will be good to get in touch with them and see how they've approached some of the issues you are beginning to wrestle with.

Bryan Horsburgh  
Resource Services Manager  
Bureau of Reclamation, Pacific NW Region  
1150 N. Curtis Road, Boise ID 83706  
[bhorsburgh@usbr.gov](mailto:bhorsburgh@usbr.gov)  
office - 208.378.5356  
cell - 208.240.0038

Jeff DeWinkler  
Environmental Protection Specialist  
US Bureau Of Reclamation GCPO  
PO Box 620 Code 5400  
Grand Coulee, WA 99133  
(509)633-9321 wk  
(509)237-9274 cell

Be in touch with any questions or follow ups!

Martin Merz  
Physical Scientist – EPA Region 10  
[merz.martin@epa.gov](mailto:merz.martin@epa.gov)  
206-553-0205

-----Original Appointment-----

**From:** Wilson, Brian J CIV USARMY CENWS (US) <Brian.J.Wilson@usace.army.mil>

**Sent:** Wednesday, February 6, 2019 6:44 AM

**To:** Wilson, Brian J CIV USARMY CENWS (US); Grip, Marshall A CIV USARMY CENWS (US); Wu, Jennifer; Merz, Martin

**Subject:** NPDES Discussion with EPA

**When:** Monday, February 11, 2019 9:00 AM-10:00 AM (UTC-08:00) Pacific Time (US & Canada).

**Where:** Teleconference

Meeting to discuss NPDES permit application process and Q&A for Project level data collections.

Call-in:

Phone: Ex. 6 Personal Privacy (PP)

Access: Ex. 6 Personal Privacy (PP)

Security: Ex. 6 Personal Privacy (PP)

Message

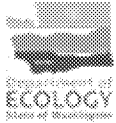
---

**From:** Ott, Ellie (ECY) [EKEY461@ECY.WA.GOV]  
**Sent:** 2/20/2019 11:03:13 PM  
**To:** Wu, Jennifer [Wu.Jennifer@epa.gov]  
**Subject:** FW: US News & World Report article - Washington State Expected to Regulate Federal Dams

FYI

**M. Eleanor Ott, P.E.**

Water Quality Program | Dept of Ecology  
eleanor.ott@ecy.wa.gov | 360.407.6433



*"This communication is public record and may be subject to disclosure as per the Washington State Public Records Act, RCW 42.56."*

---

**From:** Keltz, Colleen (ECY)  
**Sent:** Tuesday, February 19, 2019 6:57 PM  
**To:** Bartlett, Heather (ECY) <heba461@ECY.WA.GOV>; Peck, Sandi (ECY) <spec461@ECY.WA.GOV>; Bellon, Maia (ECY) <maib461@ECY.WA.GOV>; Lee, Tara (GOV) <tara.lee@gov.wa.gov>; Mena, Sharlett (ECY) <mesh461@ECY.WA.GOV>  
**Cc:** McGowan, Vincent (ECY) <vmcg461@ECY.WA.GOV>; Gildersleeve, Melissa (ECY) <MGIL461@ECY.WA.GOV>; Ott, Ellie (ECY) <EKEY461@ECY.WA.GOV>; Keltner, Ty (ECY) <TKEL461@ECY.WA.GOV>; Giglio, David (ECY) <dgig461@ECY.WA.GOV>  
**Subject:** US News & World Report article - Washington State Expected to Regulate Federal Dams

<https://www.usnews.com/news/best-states/articles/2019-02-19/washington-state-expected-to-regulate-federal-dams-that-are-harming-its-rivers>

Heather did this interview a week or so ago – I believe it will be online only, not print.

## Washington State Expected to Regulate Federal Dams

# Ex. 4 Copyright

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Colleen Keltz  
Water Quality  
Communications Manager  
O: (360) 407-6408 C: (360) 791-3177  
[colleen.keltz@ecy.wa.gov](mailto:colleen.keltz@ecy.wa.gov)



[www.ecology.wa.gov](http://www.ecology.wa.gov)



Message

---

**From:** Ex. 6 Personal Privacy (PP)  
**Sent:** 2/11/2019 10:25:11 PM  
**To:** Wu, Jennifer [Wu.Jennifer@epa.gov]  
**Subject:** Re: Request for preliminary draft permits for WA federal dams

Thanks! I have been following the news articles and saw that Ecology stated they would persist with public review regardless. It does not make sense to do this. So I sent them a comment to recommend waiting until the documents are complete and referring them to EPA's EPA 100/B-03/001, "Factors for Evaluating Information Quality" and EPA's "Information Quality Guidelines", since the inputs they cited were a draft.

Sincerely,

Ex. 6 Personal Privacy (PP)

Sent from my iPhone

On Feb 11, 2019, at 1:40 PM, Wu, Jennifer <Wu.Jennifer@epa.gov> wrote:

Hi

Thanks again for your patience in waiting to hear our response on requests for the pre-draft permits for the federal WA dams on the Lower Columbia River dams, Lower Snake River dams, and Grand Coulee Dam. Our EPA press office released the following statement on the permits late last week:

"EPA has determined that the preliminary draft permits for which we had requested water quality certification need additional internal review. Therefore, we have withdrawn our requests for water quality certification at this time. We fully intend to reinitiate our requests for water quality certification after we have completed our internal review and updated the preliminary draft permits, as appropriate."

Note that when we issue a public draft of the permits, there will be an opportunity to comment, and I will add your name to the contact list. If you have questions, feel free to let me know.

Sincerely,  
Jenny Wu  
Environmental Engineer, NPDES Permits Unit  
EPA Region 10  
1200 6<sup>th</sup> Avenue, Suite 155 (OWW-191)  
Seattle, WA 98101  
206-553-6328

Message

---

**From:** Ex. 6 Personal Privacy (PP)  
**Sent:** 2/11/2019 10:02:19 PM  
**To:** Wu, Jennifer [Wu.Jennifer@epa.gov]  
**Subject:** RE: [External] Request for preliminary draft permits for WA federal dams

Thanks Jenny.

---

**From:** Wu, Jennifer [mailto:Wu.Jennifer@epa.gov]  
**Sent:** Monday, February 11, 2019 1:30 PM  
**To:** Ex. 6 Personal Privacy (PP)  
**Subject:** [External] Request for preliminary draft permits for WA federal dams

Hi: Ex. 6 Personal Privacy (PP)

Thanks again for your patience in waiting to hear our response on requests for the pre-draft permits for the federal WA dams on the Lower Columbia River dams, Lower Snake River dams, and Grand Coulee Dam. Our EPA press office released the following statement on the permits late last week:

“EPA has determined that the preliminary draft permits for which we had requested water quality certification need additional internal review. Therefore, we have withdrawn our requests for water quality certification at this time. We fully intend to reinitiate our requests for water quality certification after we have completed our internal review and updated the preliminary draft permits, as appropriate.”

Note that when we issue a public draft of the permits, there will be an opportunity to comment, and I will add your name to the contact list. If you have questions, feel free to let me know.

Sincerely,  
Jenny Wu  
Environmental Engineer, NPDES Permits Unit  
EPA Region 10  
1200 6<sup>th</sup> Avenue, Suite 155 (OWW-191)  
Seattle, WA 98101  
206-553-6328

---

**USE CAUTION - EXTERNAL SENDER**

**Do not click on links or open attachments that are not familiar.**

**For questions or concerns, please e-mail [phishing@avistacorp.com](mailto:phishing@avistacorp.com)**

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---

Message

**From:** Columbia Basin Bulletin [billcrampton@bendcable.com]  
**Sent:** 2/8/2019 5:16:35 PM  
**To:** Wu, Jennifer [Wu.Jennifer@epa.gov]  
**Subject:** CBB, 02/08/2019

If the Columbia Basin Bulletin has been forwarded to you, please subscribe by sending an e-mail to billcra  
"subscribe cbb" in the subject line. Or go to <http://www.cbbulletin.com/NewsletterSignup/default.aspx>  
-- Bill Crampton, Editor, billcrampton@bendcable.com, 541-312-8860  
-----

The Columbia Basin Bulletin:  
Weekly Fish and Wildlife News  
www.cbbulletin.com  
February 8, 2019  
Issue No. 897

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## Table of Contents

\* EPA Withdraws Draft Water Quality Permits Sought From Washington Ecology For Columbia/Snake Dam  
<http://www.cbbulletin.com/442118.aspx>

\* Juvenile Sturgeon Below Bonneville Dam Still Show Reduced Abundance, Legal-Size Fish Numbers Dropping  
<http://www.cbbulletin.com/442117.aspx>

\* Judge Says No To Expedited Hearing But Lawsuit Over Willamette Basin Dams Moves Forward  
<http://www.cbbulletin.com/442116.aspx>

\* Idaho Meetings Set For Anglers To Discuss Upcoming Chinook Fishing Season  
<http://www.cbbulletin.com/442115.aspx>

\* Streamflow, Snowpack Forecasts Dropping Across The Basin; Water Supply 83 Percent Normal At DALLAS  
<http://www.cbbulletin.com/442114.aspx>

\* Final EIS Issued On New Facility At Nez Perce Hatchery To 'Recondition' Steelhead (Spawned) Kelts  
<http://www.cbbulletin.com/442113.aspx>

\* 2018 Comparative Survival Report Offers Latest Numbers On Smolt-To-Adult Returns For Columbia/Snake Dam  
<http://www.cbbulletin.com/442112.aspx>

\* NOAA Report: 2018 Fourth Warmest Year With Nine Of 10 Warmest Years Coming Since 2005  
<http://www.cbbulletin.com/442111.aspx>

\* Idaho Fish And Game Designs Innovative Way To Survey Wildlife Using Remote Cameras  
<http://www.cbbulletin.com/442110.aspx>

\* Research On Northwest Forest Plan Shows Bird Species Struggling 25 Years Later  
<http://www.cbbulletin.com/442109.aspx>

\* Climate Modeling Details Coming Significant Vegetation Type Shifts In Coastal Forests  
<http://www.cbbulletin.com/442108.aspx>

\* Climate Change Will Shift Color Of Surface Ocean By End Of Century  
<http://www.cbbulletin.com/442107.aspx>

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\* EPA Withdraws Draft Water Quality Permits Sought From Washington Ecology For Columbia/Snake Dam

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Also see:

- CBB, February 1, 2019, "Washington Ecology's Draft EIS Raises Gas Cap To Allow More Spill For Fish"  
<http://www.cbbulletin.com/442078.aspx>
- CBB, January 11, 2019, "Following Presidential Directive, Feds Shorten Columbia/Snake Hydrosystem"  
<http://www.cbbulletin.com/441998.aspx>
- CBB, December 21, 2018, "Parties Sign Agreement On Flexible Spill For Fish Passage At Columbia/Snake"  
<http://www.cbbulletin.com/441945.aspx>
- CBB, October 26, 2018, "Federal Court Orders EPA To Complete Water Temperature Protections For Columbia/Snake"  
<http://www.cbbulletin.com/441724.aspx>
- CBB, April 26, 2016, "Conservation Groups File Notice To Sue EPA Over Columbia/Snake Water Temperature"  
<http://www.cbbulletin.com/437375.aspx>

-----  
\* Juvenile Sturgeon Below Bonneville Dam Still Show Reduced Abundance, Legal-Size Fish Numbers Do

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Also see:

-- CBB, October 27, 2017, "Sturgeon Fishing Day Added, Mainstem Night Fishing Ban Lifted, Wild Steelhead Open," <http://www.cbbulletin.com/439783.aspx>

-- CBB, October 13, 2017, "States Set Two Days For Sturgeon Retention Fishing Downstream Of Bonneville Dam," <http://www.cbbulletin.com/439717.aspx>

--CBB, June 16, 2017, "With More Fish Caught Than Expected, States Close Lower Columbia Sturgeon Fishing Season," <http://www.cbbulletin.com/439103.aspx>

--CBB, February 10, 2017, "Harvest Managers Extend Tribal Sturgeon Gillnetting For One Week," <http://www.cbbulletin.com/438814.aspx>

-- CBB, Feb. 26, 2016, "Lower Columbia River White Sturgeon Overall Numbers Continue To Grow, 'Ongoing'," <http://www.cbbulletin.com/436114.aspx>

-----  
\* Judge Says No To Expedited Hearing But Lawsuit Over Willamette Basin Dams Moves Forward

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Also see:

– CBB, March 16, 2018, “Conservation Groups Sue Federal Agencies Over ESA-Listed Willamette Salmon”  
<http://www.cbbulletin.com/440366.aspx>

– CBB, November 3, 2017, “Conservation Groups Announce Intent To Sue Corps Over Willamette Chinook”  
<http://www.cbbulletin.com/439813.aspx>

-----  
\* Idaho Meetings Set For Anglers To Discuss Upcoming Chinook Fishing Season

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\* Streamflow, Snowpack Forecasts Dropping Across The Basin; Water Supply 83 Percent Normal At Dalls

# Ex. 4 Copyright

# Ex. 4 Copyright

Also see:

–CBB, December 2, 2016, “Nez Perce Tribe Seeking Next Step For Steelhead Kelt Facility To Capture, R  
<http://www.cbbulletin.com/438041.aspx>

–CBB, July 22, 2016, “Repeat Spawners: Study Looks At How Improving Steelhead ‘Kelt’ Survival Could  
<http://www.cbbulletin.com/437180.aspx>

–CBB, November 7, 2014, “Will Getting Some Steelhead To Spawn Twice Improve Numbers? Yakama N  
Answers,” <http://www.cbbulletin.com/432586.aspx>

-----  
\* 2018 Comparative Survival Report Offers Latest Numbers On Smolt-To-Adult Returns For Columbia/Sn

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# Ex. 4 Copyright

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\* NOAA Report: 2018 Fourth Warmest Year With Nine Of 10 Warmest Years Coming Since 2005

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\* Idaho Fish And Game Designs Innovative Way To Survey Wildlife Using Remote Cameras

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\* Research On Northwest Forest Plan Shows Bird Species Struggling 25 Years Later

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\* Climate Modeling Details Coming Significant Vegetation Type Shifts In Coastal Forests

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\* Climate Change Will Shift Color Of Surface Ocean By End Of Century

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For more information about the CBB contact:

- Bill Crampton, Editor/Writer, [billcrampton@bendcable.com](mailto:billcrampton@bendcable.com), phone: 541-312-8860
- Mike O'Bryant, Writer, [obryants@comcast.net](mailto:obryants@comcast.net), phone: 503-307-7487
- Jim Mann, Writer, [jmann@cbbulletin.com](mailto:jmann@cbbulletin.com), phone: 406-270-5663

The stories in this e-mail newsletter are posted on the Columbia Basin Bulletin website at [www.cbbulletin.com](http://www.cbbulletin.com).

-----

Feedback comments should be sent by e-mail to the Editor at [bcrampton@cbbulletin.com](mailto:bcrampton@cbbulletin.com). Please put "feedback" in the subject line to encourage comments about particular stories, complaints about inaccuracies or omissions; additional information requested; or opinions that counterbalance statements reported. The Columbia Basin Bulletin e-mail newsletter is published by Intermountain Communications of Bend, Oregon and supported with Bonneville Power Administration fish and wildlife research grants from the Northwest Power and Conservation Council's Columbia Basin Fish and Wildlife Program.

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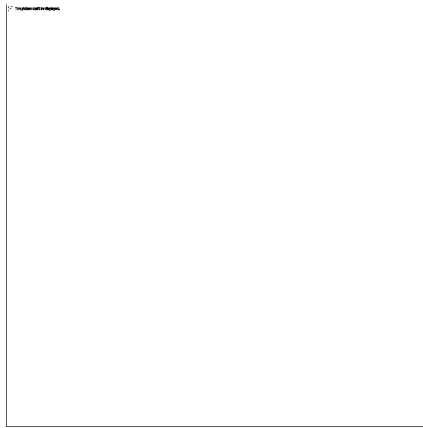
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Intermountain Communications | 19464 Summerwalk Place, Bend, OR 97702

[Unsubscribe](#) [wu.jennifer@epa.gov](mailto:wu.jennifer@epa.gov)

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Sent by [billcrampton@bendcable.com](mailto:billcrampton@bendcable.com) in collaboration with



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Message

---

**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 2/20/2019 11:53:44 PM  
**To:** Ex. 6 Personal Privacy (PP)  
**Subject:** FW: FYI: link to article on WA federal permits and reference to TMDL study

---

**From:** Wu, Jennifer  
**Sent:** Wednesday, February 20, 2019 3:53 PM  
**To:** Opalski, Dan <Opalski.Dan@epa.gov>; Lidgard, Michael <Lidgard.Michael@epa.gov>; Soscia, Mary Lou <Soscia.Marylou@epa.gov>; Merz, Martin <merz.martin@epa.gov>; Susan Poulosom <Poulosom.Susan@epa.gov>; Weber, Courtney <Weber.Courtney@epa.gov>; Mann, Laurie <mann.laurie@epa.gov>  
**Subject:** FYI: link to article on WA federal permits and reference to TMDL study

Here's a link to the article on the WA federal permits and TMDL in US News and World Report from yesterday.

<https://www.usnews.com/news/best-states/articles/2019-02-19/washington-state-expected-to-regulate-federal-dams-that-are-harming-its-rivers>

## Washington State Expected to Regulate Federal Dams

# Ex. 4 Copyright



# Ex. 4 Copyright

Jenny Wu  
Environmental Engineer, NPDES Permits Unit  
EPA Region 10  
1200 6<sup>th</sup> Avenue, Suite 155 (OWW-191)  
Seattle, WA 98101  
206-553-6328

Message

---

**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 2/25/2019 10:37:09 PM  
**To:** Patheal, Bella [Patheal.Bella@epa.gov]  
**Subject:** RE: Pls RW by 2/26/19: CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Okay – there is no mailing address, since it was an email. So I believe it needs to be in an email (we have no mailing address). I'll work with you to get you the information you need.

---

**From:** Patheal, Bella  
**Sent:** Monday, February 25, 2019 2:35 PM  
**To:** Wu, Jennifer <Wu.Jennifer@epa.gov>  
**Cc:** Lidgard, Michael <Lidgard.Michael@epa.gov>  
**Subject:** RE: Pls RW by 2/26/19: CMS AX-19-000-2748 re: WA federal hydroelectric facilities

No, don't send it to the RA. The program office admin reviews and get the letter ready for concurrence then I sent I bring the folder to the RA's office.

Thanks.

*Bella D. Patheal*

Executive Office Manager  
Office of Water Watersheds  
(206) 553-1256 Fax: (206) 553-1280  
1200 6<sup>th</sup> Avenue, Suite 155  
Mail Stop: OWW-192  
Seattle, WA 98101-3123

---

**From:** Wu, Jennifer  
**Sent:** Monday, February 25, 2019 2:32 PM  
**To:** Patheal, Bella <Patheal.Bella@epa.gov>  
**Cc:** Lidgard, Michael <Lidgard.Michael@epa.gov>  
**Subject:** FW: Pls RW by 2/26/19: CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Hi Bella, I just sent this email for Dan to review re: CMS AX-19-000-2748 per the instructions on the CMS. Once he gives his okay, we will be ready to send to the RA's office.

---

**From:** Wu, Jennifer  
**Sent:** Monday, February 25, 2019 2:16 PM  
**To:** Opalski, Dan <Opalski.Dan@epa.gov>  
**Cc:** Lidgard, Michael <Lidgard.Michael@epa.gov>  
**Subject:** Pls RW by 2/26/19: CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Hi Dan (cc: Mike),

The RA's office says that the CMS must be signed by Chris Hladick because the original email was sent to Administrator Wheeler. Therefore, I have to send the response to the RA's office by tomorrow, 2/26/19. Feel free to let me know if the email below is okay, and if it is, I'll follow up on the instructions on the CMS to send this to the RA's office.

E-mail in response to CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Dear Ex. 6 Personal Privacy (PP)

Thank you for your email on February 9, 2019 regarding permits for hydroelectric generating facilities on the Lower Columbia and Lower Snake Rivers. To clarify, the EPA has not issued these permits and is continuing to work on them. The EPA withdrew its request for certification under the Clean Water Act Section 401 to the Washington Department of Ecology on February 1, 2019. This is because we determined that the permits require additional internal review before making drafts available for public comment. We fully intend to request certification under the Clean Water Act Section 401 from Washington Department of Ecology after completing the internal review and updating the preliminary draft permits. When the EPA issues public drafts of the permits, there will be an opportunity to comment. If you would like to be notified when the public comment period begins, please feel free to contact Jenny Wu at [Wu.Jennifer@epa.gov](mailto:Wu.Jennifer@epa.gov) or at 206-553-6328.

Sincerely,  
Chris Hladick

---

**From:** Wu, Jennifer  
**Sent:** Monday, February 25, 2019 10:28 AM  
**To:** Opalski, Dan <[Opalski.Dan@epa.gov](mailto:Opalski.Dan@epa.gov)>  
**Subject:** RE: For your RW: CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Hi Dan, you're absolutely right in your recollection of the email. I've made changes below. Re: who signs, I'll find out whether you can send the email or whether it needs to come from Chris.

E-mail in response to CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Dear Ex. 6 Personal Privacy (PP)

Thank you for your email on February 9, 2019 regarding permits for hydroelectric generating facilities on the Lower Columbia and Lower Snake Rivers. To clarify, the EPA has not issued these permits and is continuing to work on them. The EPA withdrew its request for certification under the Clean Water Act Section 401 to the Washington Department of Ecology on February 1, 2019. This is because we determined that the permits require additional internal review before making drafts available for public comment. We fully intend to request certification under the Clean Water Act Section 401 from Washington Department of Ecology after completing the internal review and updating the preliminary draft permits. When the EPA issues public drafts of the permits, there will be an opportunity to comment. If you would like to be notified when the public comment period begins, please feel free to contact Jenny Wu at [Wu.Jennifer@epa.gov](mailto:Wu.Jennifer@epa.gov) or at 206-553-6328.

Sincerely,  
[Chris Hladick or Dan Opalski]  
[Title]

---

**From:** Opalski, Dan  
**Sent:** Friday, February 22, 2019 11:05 AM  
**To:** Wu, Jennifer <[Wu.Jennifer@epa.gov](mailto:Wu.Jennifer@epa.gov)>  
**Subject:** Re: For your RW: CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Thanks, Jenny. I have a couple of thoughts.

First, unless we get explicit direction otherwise, I think this can come from me rather than Chris, so let's check that out.

Second, while I definitely appreciate your sticking with the approved messaging on this topic, if this is the one I remember quickly reading yesterday, I think there is a factual clarification in order on the incoming email. Specifically, he really seems to indicate that he believes the permits were in place (i.e. issued) and then we pulled them back. While our general messaging does make clear that these were "only" preliminary permits, I think an additional sentence to clarify his misunderstanding is in order.

Third, I think I would be inclined to include the language that we intend not just to make the permits available for public comment, but that we intend to request water quality certification from the state per statute and regulation. I suggest we be explicit because of the theme in his message regarding the state's role.

On a different but related note, I did catch up with Chris in follow-up to our conversation. Unfortunately, at this time we should limit our work on the permits to just what we can do internally. I am going to do some work to try to get help on

**Ex. 5 Deliberative Process (DP)** so that we can turn you loose to work on the other issues. Thanks for your patience. Stay tuned.

Feel free to call if you have questions or would like to discuss.

Sent from my iPhone

On Feb 22, 2019, at 10:28 AM, Wu, Jennifer <Wu.Jennifer@epa.gov> wrote:

Hi Dan, please see response below in response to a CMS re: WA hydro dams.

---

**From:** Lidgard, Michael

**Sent:** Thursday, February 21, 2019 4:52 PM

**To:** Wu, Jennifer <Wu.Jennifer@epa.gov>

**Subject:** Re: For your RW: CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Hi Jenny. This looks good. Please forward to dan for his review. Thanks

Sent from my iPhone

On Feb 21, 2019, at 4:33 PM, Wu, Jennifer <Wu.Jennifer@epa.gov> wrote:

Hi Mike, I'm sending the following email below for the CMS in response to a citizen's concern about our withdrawal of the 401 cert request to Ecology. It was sent via email, and there is no mailing address, so I assume our response will also be sent via email. Please review the response and we can forward to Dan for his okay:

E-mail in response to CMS AX-19-000-2748 re: WA federal hydroelectric facilities

Dear **Ex. 5 Personal Privacy (PP)**

Thank you for your email on February 21, 2019 regarding the EPA's action to withdraw its 401 certification request to the Washington Department of Ecology on permits for Columbia River and Lower Snake River hydroelectric generating facilities. The EPA has determined that the permits require additional internal review before making drafts available for public comment. We fully intend to complete the internal review and update the preliminary draft permits. When the EPA issues public drafts of the permits, there will be an opportunity to comment. If you would like to be notified when the

public comment period begins, please feel free to contact Jenny Wu at [Wu.Jennifer@epa.gov](mailto:Wu.Jennifer@epa.gov) or at 206-553-6328.

Sincerely,  
Chris Hladick

Message

---

**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 2/11/2019 4:59:48 PM  
**To:** Skadowski, Suzanne [Skadowski.Suzanne@epa.gov]  
**Subject:** RE: NRDC: Washington State v. Trump in Fight to Save Salmon, Orcas

100% useful!!

---

**From:** Skadowski, Suzanne  
**Sent:** Monday, February 11, 2019 8:50 AM  
**To:** Wu, Jennifer <Wu.Jennifer@epa.gov>  
**Subject:** RE: NRDC: Washington State v. Trump in Fight to Save Salmon, Orcas

You're welcome! I'm glad they are useful and not annoying 😊

**Suzanne Skadowski**  
*Public Affairs Specialist | Media Relations*  
U.S. Environmental Protection Agency  
Region 10 Pacific Northwest - Seattle  
O: 206-553-2160 C: 206-900-3309  
Follow us on Twitter! [@EPAnorthwest](#)  
Like us on Facebook! [@eparegion10](#)

---

**From:** Wu, Jennifer  
**Sent:** Monday, February 11, 2019 8:28 AM  
**To:** Skadowski, Suzanne <Skadowski.Suzanne@epa.gov>  
**Subject:** RE: NRDC: Washington State v. Trump in Fight to Save Salmon, Orcas

Thanks for forwarding these articles. I appreciate it and am passing them on to the rest of the WA hydro permits team.

---

**From:** Skadowski, Suzanne  
**Sent:** Monday, February 11, 2019 8:00 AM  
**To:** MacIntyre, Mark <Macintyre.Mark@epa.gov>; Holsman, Marianne <Holsman.Marianne@epa.gov>; Opalski, Dan <Opalski.Dan@epa.gov>; Chung, Angela <Chung.Angela@epa.gov>; Lidgard, Michael <Lidgard.Michael@epa.gov>; Wu, Jennifer <Wu.Jennifer@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Byrne, Jennifer <Byrne.Jennifer@epa.gov>; Soscia, Mary Lou <Soscia.Marylou@epa.gov>; Edmondson, Lucy <Edmondson.Lucy@epa.gov>  
**Subject:** NRDC: Washington State v. Trump in Fight to Save Salmon, Orcas

**Natural Resources Defense Council: Washington State v. Trump in Fight to Save Salmon, Orcas**

Trump's disregard for clean water and wild species has reached Washington State. That's not good news for the state's endangered salmon or starving orcas. But Washington State seems ready to stand up to Trump. We can't let dirty politics make dirty rivers.

On Wednesday, Washington State announced its right under the Clean Water Act to require the federal government—which owns and operates nine dams on the Columbia and Snake rivers—to reduce oil pollution and prevent hot

temperatures in the rivers. Less than 48 hours later, the Trump administration yanked the underlying draft water pollution permits in what appears to be an attempt to thwart the state's right to protect its rivers.

The strange thing is, the Trump administration had originally invited the state to weigh in. Trump's agency sent Washington State the draft water pollution permits for the nine dams—and that triggered the state's need to respond. But the invitation to act, apparently, was subject to federal approval of the response. The requirement to apply for National Pollution Discharge Elimination System (NPDES) permits for the dams was the result of [lawsuits brought by Columbia Riverkeeper](#).

When Washington State signaled that it wasn't going to let the federal dam operators continue to dump oil in its rivers and kill salmon in hot water, the federal government pulled the permits.

Without a draft permit to respond to, the state's right to protect its rivers is in limbo. That's bad news for the Columbia and Snake rivers' endangered salmon and the hungry orcas that depend on Columbia and Snake river salmon for their survival. But the Trump administration may have sorely underestimated Washington State's commitment to two of its most beloved species. "Washington state has no intention of abandoning our rivers and our salmon. We have no plans to halt our current public comment period," director of Washington State's Department of Ecology [Maia Bellon told the Seattle Times](#).

Bellon reportedly is "concerned that this may signal the federal government backing away from a commitment to protect the water quality of the Columbia and Snake rivers." We cannot back away now—the Pacific Northwest's salmon and orcas are in crisis. The Columbia and Snake rivers once formed one of the greatest salmon producing river systems on the planet. Today, the Columbia Basin is the most dammed river system in the world, and salmon return at a small fraction of their historic levels.

As the Pacific Northwest lives hotter and hotter summers, the dams exacerbate the impact because they turn cool, fast-moving rivers into slow, heat-absorbing lakes. When the rivers are too hot, salmon die. In 2015, the Columbia River got so hot that [more than a quarter million sockeye salmon died](#) before they were able to spawn. Those hot temperatures are in direct violation of Washington State's water quality standards—standards the state would be able to enforce, if the federal government issues the water pollution permits.

The Southern Resident orcas favorite coastal place to fish is off the mouth of the Columbia River. But the whales are on the brink of extinction because they cannot find enough salmon to eat. [Orca scientists point to the steep losses of the once large returns of Columbia and Snake river salmon](#) as particularly harmful to the survival and reproduction of the orcas.

Washington State Gov. Inslee's website says that it is "difficult to imagine a Washington without orcas or salmon," and the state has shown its readiness to dig in deep with [a proposed budget that includes 1.1 billion dollars to save the two species](#). The state's right under the Clean Water Act to limit river temperature is critical to recovery. Washington must continue to fight to ensure the Columbia Basin's federal dam operators address rising water temperatures, protect salmon, and help save the Southern Resident orcas from extinction.

You can [learn more about this issue here](#) and [submit comments in support of Washington State's right to protect salmon and orcas](#). Just click on "Draft Permits for WA State 401 Water Quality Certification for Federal Hydropower Dams" and fill in the online form. Watchdogging the current administration can feel overwhelming—so much of what we care about is under attack. I plan to support Washington State and speak up for salmon and orcas. It is one thing we can do.

**Suzanne Skadowski**

Public Affairs Specialist | Media Relations  
U.S. Environmental Protection Agency

---

**From:** Skadowski, Suzanne

**Sent:** Friday, February 8, 2019 1:54 PM

**To:** MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>; Dunbar, Bill <[dunbar.bill@epa.gov](mailto:dunbar.bill@epa.gov)>; Holsman, Marianne <[Holsman.Marianne@epa.gov](mailto:Holsman.Marianne@epa.gov)>; Opalski, Dan <[Opalski.Dan@epa.gov](mailto:Opalski.Dan@epa.gov)>; Chung, Angela <[Chung.Angela@epa.gov](mailto:Chung.Angela@epa.gov)>; Lidgard, Michael <[Lidgard.Michael@epa.gov](mailto:Lidgard.Michael@epa.gov)>; Wu, Jennifer <[Wu.Jennifer@epa.gov](mailto:Wu.Jennifer@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>; Byrne, Jennifer <[Byrne.Jennifer@epa.gov](mailto:Byrne.Jennifer@epa.gov)>; Soscia, Mary Lou <[Soscia.Marylou@epa.gov](mailto:Soscia.Marylou@epa.gov)>; Barber, Anthony <[Barber.Anthony@epa.gov](mailto:Barber.Anthony@epa.gov)>; Edmondson, Lucy <[Edmondson.Lucy@epa.gov](mailto:Edmondson.Lucy@epa.gov)>

**Subject:** E&E Greenwire: EPA halts Wash. efforts to regulate dam water

**E&E Greenwire: EPA halts Wash. efforts to regulate dam water**

February 8, 2019

**Ex. 4 Copyright**

**Suzanne Skadowski**

Public Affairs Specialist | Media Relations  
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Region 10 Pacific Northwest - Seattle  
O: 206-553-2160 C: 206-900-3309  
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**From:** MacIntyre, Mark

**Sent:** Friday, February 8, 2019 1:11 PM

**To:** R10 Press Team <[R10\\_Press\\_Team@epa.gov](mailto:R10_Press_Team@epa.gov)>; Opalski, Dan <[Opalski.Dan@epa.gov](mailto:Opalski.Dan@epa.gov)>; Chung, Angela <[Chung.Angela@epa.gov](mailto:Chung.Angela@epa.gov)>; Lidgard, Michael <[Lidgard.Michael@epa.gov](mailto:Lidgard.Michael@epa.gov)>; Wu, Jennifer <[Wu.Jennifer@epa.gov](mailto:Wu.Jennifer@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>; Byrne, Jennifer <[Byrne.Jennifer@epa.gov](mailto:Byrne.Jennifer@epa.gov)>; Soscia, Mary Lou <[Soscia.Marylou@epa.gov](mailto:Soscia.Marylou@epa.gov)>; Barber, Anthony <[Barber.Anthony@epa.gov](mailto:Barber.Anthony@epa.gov)>; Edmondson, Lucy <[Edmondson.Lucy@epa.gov](mailto:Edmondson.Lucy@epa.gov)>

**Subject:** FYI 401 Cert. COVERAGE

**From:** Google Alerts <[googlealerts-noreply@google.com](mailto:googlealerts-noreply@google.com)>

**Sent:** Friday, February 8, 2019 1:00 PM

**To:** MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>

**Subject:** Google Alert - Mark MacIntyre EPA



## Mark MacIntyre EPA

Daily update - February 8, 2019

### NEWS

#### Federal, Washington Officials Spar Over Water Quality Regulations At Dams

OPB News

But the U.S. **Environmental Protection Agency** is putting a stop to those ... In an emailed statement, **EPA** spokesman **Mark MacIntyre** said the federal ...

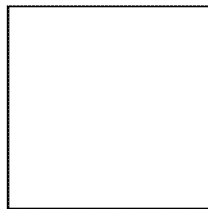


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**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 2/11/2019 4:31:12 PM  
**To:** Merz, Martin [merz.martin@epa.gov]; Weber, Courtney [Weber.Courtney@epa.gov]; Susan Poulosom [Poulosom.Susan@epa.gov]; Palmer, John [Palmer.John@epa.gov]; Mann, Laurie [mann.laurie@epa.gov]  
**Subject:** FW: NRDC: Washington State v. Trump in Fight to Save Salmon, Orcas

Happy Monday - Another press release on the permits and 401 action as well as a tie-in to TMDL studies showing that dams add to temperature problems.

---

**From:** Skadowski, Suzanne  
**Sent:** Monday, February 11, 2019 8:00 AM  
**To:** MacIntyre, Mark <Macintyre.Mark@epa.gov>; Holsman, Marianne <Holsman.Marianne@epa.gov>; Opalski, Dan <Opalski.Dan@epa.gov>; Chung, Angela <Chung.Angela@epa.gov>; Lidgard, Michael <Lidgard.Michael@epa.gov>; Wu, Jennifer <Wu.Jennifer@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Byrne, Jennifer <Byrne.Jennifer@epa.gov>; Soscia, Mary Lou <Soscia.Marylou@epa.gov>; Edmondson, Lucy <Edmondson.Lucy@epa.gov>  
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**Suzanne Skadowski**

Public Affairs Specialist | Media Relations

U.S. Environmental Protection Agency

Region 10 Pacific Northwest - Seattle

O: 206-553-2160 C: 206-900-3309

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**To:** MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>; Dunbar, Bill <[dunbar.bill@epa.gov](mailto:dunbar.bill@epa.gov)>; Holsman, Marianne <[Holsman.Marianne@epa.gov](mailto:Holsman.Marianne@epa.gov)>; Opalski, Dan <[Opalski.Dan@epa.gov](mailto:Opalski.Dan@epa.gov)>; Chung, Angela <[Chung.Angela@epa.gov](mailto:Chung.Angela@epa.gov)>; Lidgard, Michael <[Lidgard.Michael@epa.gov](mailto:Lidgard.Michael@epa.gov)>; Wu, Jennifer <[Wu.Jennifer@epa.gov](mailto:Wu.Jennifer@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>; Byrne, Jennifer <[Byrne.Jennifer@epa.gov](mailto:Byrne.Jennifer@epa.gov)>; Soscia, Mary Lou <[Soscia.Marylou@epa.gov](mailto:Soscia.Marylou@epa.gov)>; Barber, Anthony <[Barber.Anthony@epa.gov](mailto:Barber.Anthony@epa.gov)>; Edmondson, Lucy <[Edmondson.Lucy@epa.gov](mailto:Edmondson.Lucy@epa.gov)>

**Subject:** E&E Greenwire: EPA halts Wash. efforts to regulate dam water

**E&E Greenwire: EPA halts Wash. efforts to regulate dam water**

February 8, 2019

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# Ex. 4 Copyright

**Suzanne Skadowski**

Public Affairs Specialist | Media Relations

U.S. Environmental Protection Agency

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**To:** R10 Press Team <[R10\\_Press\\_Team@epa.gov](mailto:R10_Press_Team@epa.gov)>; Opalski, Dan <[Opalski.Dan@epa.gov](mailto:Opalski.Dan@epa.gov)>; Chung, Angela <[Chung.Angela@epa.gov](mailto:Chung.Angela@epa.gov)>; Lidgard, Michael <[Lidgard.Michael@epa.gov](mailto:Lidgard.Michael@epa.gov)>; Wu, Jennifer <[Wu.Jennifer@epa.gov](mailto:Wu.Jennifer@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>; Byrne, Jennifer <[Byrne.Jennifer@epa.gov](mailto:Byrne.Jennifer@epa.gov)>; Soscia, Mary Lou <[Soscia.Marylou@epa.gov](mailto:Soscia.Marylou@epa.gov)>; Barber, Anthony <[Barber.Anthony@epa.gov](mailto:Barber.Anthony@epa.gov)>; Edmondson, Lucy <[Edmondson.Lucy@epa.gov](mailto:Edmondson.Lucy@epa.gov)>

**Subject:** FYI 401 Cert. COVERAGE

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**Sent:** Friday, February 8, 2019 1:00 PM

**To:** MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>

**Subject:** Google Alert - Mark MacIntyre EPA



**Mark MacIntyre EPA**

Daily update - February 8, 2019

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OPB News

But the U.S. **Environmental Protection Agency** is putting a stop to those ... In an emailed statement, **EPA** spokesman **Mark MacIntyre** said the federal ...

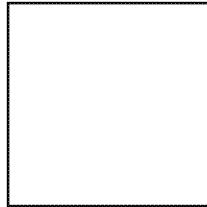


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**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 1/30/2019 6:24:08 PM  
**To:** Weber, Courtney [Weber.Courtney@epa.gov]  
**Subject:** RE: Pls rw WA federal dam permit and FS

Thanks!

---

**From:** Weber, Courtney  
**Sent:** Wednesday, January 30, 2019 9:37 AM  
**To:** Wu, Jennifer <Wu.Jennifer@epa.gov>; Poulsom, Susan <Poulsom.Susan@epa.gov>  
**Cc:** Merz, Martin <merz.martin@epa.gov>  
**Subject:** RE: Pls rw WA federal dam permit and FS

I just added some minor edits to the permit. Sounds like I already reviewed the fact sheet. Thanks!

---

**From:** Wu, Jennifer  
**Sent:** Tuesday, January 29, 2019 4:07 PM  
**To:** Weber, Courtney <Weber.Courtney@epa.gov>; Poulsom, Susan <Poulsom.Susan@epa.gov>  
**Cc:** Merz, Martin <merz.martin@epa.gov>  
**Subject:** Pls rw WA federal dam permit and FS

Hi Courtney and Susan (cc: Martin),

Post-shutdown, I completely forgot that we were going to meet after you had reviewed the Lower Columbia River dams Fact Sheet draft and the Dalles Dam permit. It looks like Courtney commented on the Columbia River dams Fact Sheet, but I don't see any comments in the Dalles dam permit. Susan, I don't think you've reviewed the permit and FS yet. Please take a look at these, and I'll send an invite for next week. Martin and I will change the other FS and permits based on these comments. Note the FS Table of Contents is messed up, so I need to reformat it.

## Ex. 6 SharePoint link

Jenny Wu  
Environmental Engineer, NPDES Permits Unit  
EPA Region 10  
1200 6<sup>th</sup> Avenue, Suite 155 (OWW-191)  
Seattle, WA 98101  
206-553-6328

Message

---

**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 1/30/2019 12:18:30 AM  
**To:** Weber, Courtney [Weber.Courtney@epa.gov]; Susan Poulsom [Poulsom.Susan@epa.gov]  
**CC:** Merz, Martin [merz.martin@epa.gov]  
**Subject:** RE: Pls rw WA federal dam permit and FS

Please use this link instead of the email I sent in December.

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**From:** Wu, Jennifer  
**Sent:** Tuesday, January 29, 2019 4:07 PM  
**To:** Weber, Courtney <Weber.Courtney@epa.gov>; Susan Poulsom <Poulsom.Susan@epa.gov>  
**Cc:** Merz, Martin <merz.martin@epa.gov>  
**Subject:** Pls rw WA federal dam permit and FS

Hi Courtney and Susan (cc: Martin),

Post-shutdown, I completely forgot that we were going to meet after you had reviewed the Lower Columbia River dams Fact Sheet draft and the Dalles Dam permit. It looks like Courtney commented on the Columbia River dams Fact Sheet, but I don't see any comments in the Dalles dam permit. Susan, I don't think you've reviewed the permit and FS yet. Please take a look at these, and I'll send an invite for next week. Martin and I will change the other FS and permits based on these comments. Note the FS Table of Contents is messed up, so I need to reformat it.

## Ex. 6 SharePoint link

Jenny Wu  
Environmental Engineer, NPDES Permits Unit  
EPA Region 10  
1200 6<sup>th</sup> Avenue, Suite 155 (OWW-191)  
Seattle, WA 98101  
206-553-6328

Message

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**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 2/4/2019 5:58:17 PM  
**To:** Weber, Courtney [Weber.Courtney@epa.gov]  
**Subject:** RE: Lower Columbia River FS and Dalles permit

No problem, Courtney. I think there are more issues with Susan, and I haven't heard from her if she's working. I'll let you know if I reschedule.

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**From:** Weber, Courtney  
**Sent:** Monday, February 04, 2019 9:50 AM  
**To:** Wu, Jennifer <Wu.Jennifer@epa.gov>  
**Subject:** RE: Lower Columbia River FS and Dalles permit

I'm going to try to call in but I have both kids home today so taking annual leave.

-----Original Appointment-----

**From:** Wu, Jennifer  
**Sent:** Monday, February 04, 2019 9:38 AM  
**To:** Weber, Courtney; Poulsom, Susan; Merz, Martin  
**Subject:** Lower Columbia River FS and Dalles permit  
**When:** Monday, February 04, 2019 12:30 PM-1:30 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** 20th floor, Hells Canyon; conference line: Ex. 6 Personal Privacy (PP) pin Ex. 6 Personal Privacy (PP)

I added the phone line Ex. 6 Personal Privacy (PP) pin Ex. 6 Personal Privacy (PP) in case you're working from home today. If you're in Seattle, we're in 20 Hells Canyon.



## Appointment

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**From:** Wu, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=885E149E9BDD4094BF34508D7454CDFA-WU, JENNIFER]  
**Sent:** 2/4/2019 5:37:36 PM  
**To:** Weber, Courtney [Weber.Courtney@epa.gov]; Poulsom, Susan [Poulsom.Susan@epa.gov]; Merz, Martin [merz.martin@epa.gov]  
**BCC:** R10Sea-Room-20HellsCanyon/R10-Rooms-Service Center [R10Sea-Room-20HellsCanyon@epa.gov]; R10Sea-ConfLineMM-206-224-0056 [R10Sea-ConfLineMM-206-224-0056@epa.gov]  
**Subject:** Lower Columbia River FS and Dalles permit  
**Location:** 20th floor, Hells Canyon; conference line: [Ex. 6 Personal Privacy (PP)] pin [Ex. 6 Personal Privacy (PP)]  
**Start:** 2/4/2019 8:30:00 PM  
**End:** 2/4/2019 9:30:00 PM  
**Show Time As:** Tentative

I added the phone line, [Ex. 6 Personal Privacy (PP)] pin [Ex. 6 Personal Privacy (PP)] in case you're working from home today. If you're in Seattle, we're in 20 Hells Canyon.